

Message Text

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AMEMBASSY LONDON

C O N F I D E N T I A L USNATO 6665

E.O. 11652: XGDS1

TAGS: BEXP MARR NATO

SUBJECT: ADVANCE NOTICE OF TRADE OPPORTUNITY

1. AT ITS MEETING ON 28 NOV 74 THE P&P COMMITTEE NOTED THE INTENTION OF THE UK TO SOLICIT BIDS UNDER INTERNATIONAL COMPETITIVE BIDDING FOR PROCUREMENT AND INSTALLATION OF AN INTEGRATED HF SSB VOICE COMMUNICATIONS SYSTEM FOR THE FOLLOWING PURPOSES:

(A) COMMAND AND CONTROL OF ROYAL AIR FORCE STRIKE COMMAND AIRCRAFT BASED IN THE UNITED KINGDOM (OTHER THAN LONG RANGE MARITIME PATROL AIRCRAFT FOR WHICH THE MATELO SYSTEM IN THE UK HAS BEEN NATIONALLY FUNDED).

(B) PROVISION OF THE SHIP-TO-SHORE VOICE COMMUNICATIONS FOR THE CONDUCT OF JOINT MARITIME-AIR OPERATIONS AS SPECIFIED IN ATP 34 (CURRENTLY SUBJECT TO RATIFICATION).

(C) GROUND-TO-AIR COMMUNICATIONS BEYOND LINE-OF-SIGHT RANGE WITH TWOATAF AIRCRAFT BASED AT GUTERSLOH, WILDENRATH, LAARBRUCH AND BRUGGEN.

2. THE PLANNED MAJOR INSTALLATIONS COMPPOSE NEW TRANSMITTER AND RECEIVER FACILITIES AT SITES IN SCOTLAND AND IDENTICAL FACILITIES AT SITES IN CENTRAL/SOUTHERN ENGLAND, LOCATED AS FOLLOWS:
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(A) NORTHERN TRANSMITTER SITE A MILLTOWN (5740N 0314W)

(B) NORTHERN RECEIVER SITE AT COVESEA (5743N 0323W)

(C) SOUTHERN TRANSMITTER SITE AT CHELVESTON (5218N 0031W)

(D) SOUTHERN RECIEVER SITE AT BAMPTON (5143N 0133W)

3. IN OUTLINE, THE NEW FACILITIES TO BE PROVIDED INCLUDE:

(A) TRANSMITTER AND RECEIVER BUILDINGS.

(B) QTY 20 AUTO-TUNE HF SSB 10 KW TRANSMITTERS AND FREQUENCY SYNTHESISERS AT EACH TRANSMITTER SITE.

(C) QTY 30 HF SSB RECEIVERS AT EACH RECEIVER SITE.

(D) DIRECTIONAL AND OMNI-DIRECTIONAL ANTENNAS AT TRANSMITTER AND RECEIVER SITES.

(E) ASSOCIATED CONTROL EQUIPMENT AND STANDBY POWER SUPPLIES.

(F) OPERATOR CONSOLES AT EACH USER LOCATION.

4. THE INTEGRATED SYSTEMS CONCEPT IS BASED ON THE FOLLOWING PRINCIPLES:

(A) SYSTEMS CONTROL WILL BE CARRIED OUT AT THE TWO RECEIVER SITES, FROM EACH OF WHICH THE ASSOCIATED TRANSMITTER SITE WILL BE REMOTELY CONTROLLED.

(B) SEPARATION OF THE NORTHERN AND SOUTHERN PAIRS OF SITES BY SOME 700 KM WILL ENSURE SPACE DIVERSITY, WITH HHE AIM OF SCHIEVING GOOD COMMUNICATIONS RELIABILITY AND LOW SYSTEM VULNERABILITY.

(C) THE COMMUNICATIONSSYSTEM USERS, CONSISTING OF AIR AND MARITIME HEADQUARTERS, CONTROL AND REPORTING CENTRES, SECTOR OPERATIONS CENTRES AND ROYAL AIR FORCE (GERMANY) WILL HAVE ACCESS TO THE RADIO CIRCUITS VIA PTT LANDLINES, RADIO RELAY AND TROPOSPHERIC SCATTER LINKS.
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(D) ADDITIONAL USERS (FOR EXAMPLE MAASTRICHT) COULD RUEADILY BE PROVIDED WITH ACCESS TO THE SYSTEM.

5. THE ESTIMATED COST OF THIS PROJECT IS BRITISH POUNDS 3,581,000 (\$8.2 MILLION AT \$2.3/BRITISH POUND).

6. ANTICIPATE UK WILL ADDRESS REQUEST FOR NAMES OF INTERESTED FIRMS TO AMEMBASSY LONDON SHORTLY.
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